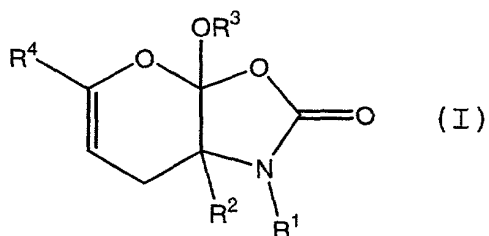


Abstract:

The present invention provides a novel 7a-alkoxy-4H-pyrano-[3,2-d]-oxazol-2(3H)-one represented by the formula (I):

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wherein R<sup>1</sup> and R<sup>2</sup> each represent a hydrogen atom, an alkyl group, an alkenyl group, an aryl group or an aralkyl group; R<sup>3</sup> represents an alkyl group, a cycloalkyl group, an alkenyl group, an aryl group or an aralkyl group, provided that a 2-alkenyl group is excluded from the alkenyl group of R<sup>3</sup>; and R<sup>4</sup> represents an alkyl group, an aryl group, an alkoxycarbonyl group or a cyano group,

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and a process for producing the same which comprises reacting 5-alkoxy-2(3H)-oxazolone with an  $\alpha,\beta$ -unsaturated ketone in the presence of a Lewis acid in a solvent.

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